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     DB
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Sequence 14, Appl
Sequence 2, Appli
Sequence 21, Appl
Sequence 15, Appl
Sequence 2, Appli
Sequence 3, Appl
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Sequence 11, Appl
Sequence 16, Appl
Sequence 63, Appl
Sequence 20, Appl
Sequence 23, Appl
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                                                                                                          SEQ ID NO 21
LENGTH: 207
TYPE: PRT
ORGANISM: Homo sapiens
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LENGTH: 207
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Best Local Similarity
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                                                                                                                                                                                SOFTWARE: PatentIn Ver.
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CURRENT FILING DATE: 2002-02-21
PRIOR APPLICATION NUMBER: US/09/229,947
PRIOR FILING DATE: 1999-01-13
NUMBER OF SEQ ID NOS: 43
SOFTWARE: FastSEQ for Windows Version 3,0
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APPLICANT: Hansen, Birgit
APPLICANT: Sheppard, Paul O.
TITLE OF INVENTION: NOVEL FGF HOMOLOGS
FILE REFERENCE: 96-20C1
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APPLICANT: Conklin, Darrell C
APPLICANT: Raymond, Fenella
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MYSAPSACTCLCLHFLLLCFQVQVLVAEENVDFRIHVENQTRARDDVSRKQLRLYQLYSR 60
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Holderman, Susan D.
Hansen, Birgit
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LENGTH: 207
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                                                                       GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Khodadoust, Mehran Mohammad
TITLE OF INVENTION: NOVEL FIBROBLAST GROWTH FACTORS
THERAPEUTIC AND DIAGNOSTIC USES
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                            NUMBER OF SEQUENCES: 18
CORRESPONDENCE ADDRESS:
ADDRESSEE: FOLEY, HOAG & ELIOT
STREET: One Post Office Square
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Gurney, Austin L.
Hillan, Kenneth J.
Lawrence, David A.
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Boston
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APPLICANT: Roy, Margaret Ann
TITLE OF INVENTION: Fibroblast Growth Factor-19
FILE REFERENCE: P1219R1(e)
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TOPOLOGY: linear
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US-09-820-596-2
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                              CURRENT APPLICATION NUMBER: US/10/081,347
CURRENT FILING DATE: 2002-02-21
PRIOR APPLICATION NUMBER: US/09/229,947
PRIOR FILING DATE: 1999-01-13
NUMBER OF SEQ ID NOS: 43
SOFTWARE: FastSEQ for Windows Version 3.0
                                                                                                                                                                                                                                                                    APPLICANT: Deisher, Theresa A. APPLICANT: Conklin, Darrell C. APPLICANT: Raymond, Fenella
                                                                                                                                                     APPLICANT: Sheppard, Paul O.
TITLE OF INVENTION: NOVEL FGF HOMOLOGS
FILE REFERENCE: 96-20C1
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC COMPATIBLE
COMPUTER: PATENTING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIN Release #1.0,
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             REFERENCE/DOCKET NUMBER: MIA-026.01
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-832-1000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: 09/036,594
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: US/09/820,596 FILING DATE: 29-Mar-2001 PRIOR APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                   INFORMATION:
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Holderman, Susan D.
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Pred. No. 1.8e-101;
0; Mismatches 1;
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1 MYSAPSACTCLCLHFLLLCFQVQVLVAEENVDFRIHVENQTRARDDVSRKQLRLYQLYSR 60

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; TOPOLOGY: Tinear; ; MOLECULE TYPE: protein; SEQUENCE DESCRIPTION: SEQ ID NO: US-09-820-596-5
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Publication No. US20030022170A1
GENERAL INFORMATION:
APPLICANT: Khodadoust, Mehran Mohammad
TITLE OF INVENTION: NOVEL FIBROBLAST GROWTH FACTORS AND
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Matches
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                                    Query Match
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Best Local Similarity
                                                                                                                                                                                    INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
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                      Local
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                                                                                                                                                                                                                                                                                                                                                                                                                           SOFTWARE: PatentIn Release #1.0,
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/820,596
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ZIP: 02109-2170
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                         NAME: Arnold E., Beth
REGISTRATION NUMBER: 35,430
REFERENCE/DOCKET NUMBER: MIA-026.01
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                   ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                       FILING DATE: 29-Ma
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CORRESPONDENCE ADDRESS: ADDRESSE: FOLEY,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               GQPELQKPFKYTTVTKRSRRIRPTHP 206
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                     Similarity
                                                                                                                                               TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: 09/036,594 FILING DATE: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                      TELEFAX: 617-832-7000
                                                                                                                                                                                                                                         TELEPHONE: 617-832-1000
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                   98.5%;
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99.0%;
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Score 1081; DB 9;
Pred. No. 4.7e-101;
0; Mismatches 2;
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Pred. No. 4.7e-101;
0; Mismatches 2;
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                                      Length 207;
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APPLICANT: Nathans, Jeremy
APPLICANT: Mathans, Jeremy
APPLICANT: Macke, Jennifer P.
APPLICANT: Macke, Jennifer P.
TITLE OF INVENTION: FIBROBLAST GROWTH FACTOR HOMOLOGOUS
TITLE OF INVENTION: FACTOR-1 (FHF-1) AND METHODS OF USE
FILE REFERRENCE: 07265/047003
CURRENT APPLICATION NUMBER: US/09/251,263
CURRENT FILING DATE: 1999-02-16
EARLIER APPLICATION NUMBER: 08/867,471
EARLIER APPLICATION NUMBER: 08/867,471
EARLIER APPLICATION NUMBER: 08/867,471
EARLIER APPLICATION NUMBER: 08/867,471
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US-09-901-938-28
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LENGTH: 137
TYPE: PRT
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                                                                                                                                                                                                                                                                        Sequence 6, Application US/09251263 Patent No. US20020052477A1
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Patent No. US20020156001A1
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APPLICANT: WHITE, Kenneth
APPLICANT: STROM, Tim
APPLICANT: STROM, Tim
APPLICANT: MEITINGER, Thomas
TITLE OF INVENTION: NOVEL FIBROBLAST GROWTH FACTOR (FGF23) AND METHODS FOR USE
FILE REFERENCE: 053884-5001
CURRENT FILING JATE: 2001-07-10
CURRENT FILING DATE: 2001-07-10
CURRENT FILING DATE: 2001-07-10
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PRIOR FILING DATE: 2000-07-19
NUMBER OF THE TOTAL PRIOR FILING DATE: 2000-07-19
NUMBER OF SEQ ID NOS: 15
                     EARLIER FILING DATE: 1995-05-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NUMBER OF SEQ ID NOS: 34
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les 135; Conserv
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98.5%;
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Pred. No. 3.6e-64;
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Score 591;

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Length 215;

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; LENGTH: 215
; TYPE: PRT
; ORGANISM: HOMO s
US-09-251-263-6
US-09-820-596-11
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Sequence 11, Application US/09820596
Publication No. US20030022170A1
GENERAL INFORMATION:
GENERAL INFORMATION: Mehran Mohammad
APPLICANT: Khodadoust, Mehran Mohammad
TITLE OF INVENTION: NOVEL FIBROBLAST GROWTH FACTORS AND
TITLE OF INVENTION: NOVEL FIBROBLAST GROWTH FACTORS AND
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Matches
                                                                                                                                     INFORMATION FOR SEQ ID NO: 11: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          180 RGHHTTEQSLRF 191
                                                                                                                                                                         NAME: Arnold E., Beth
REGISTRATION NUMBER: 35,430
REFERENCE/DOCKET NUMBER: MIA-
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-832-1000
TELEFAX: 617-832-7000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  180 KGQPELQKPFKY 191
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              MOLECULE TYPE: protein SEQUENCE DESCRIPTION:
                                   TOPOLOGY: linear MOLECULE TYPE: protei
                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: US/09/820,596 FILING DATE: 29-Mar-2001 PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0,
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ZIP: 02109-2170
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                     ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PDGTSKECVFIEKVLENNYTALMSAKYSGWYVGFTKKGRPRKGPKTRENQQDVHFMKRYP 179
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  111;
                                                                         TYPE: amino acid
STRANDEDNESS: <Unknown>
                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: 09/036,594 FILING DATE: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            STATE: MA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CITY: Boston
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ADDRESSEE: FOLEY, HOAG & ELIOT LLP
STREET: One Post Office Square
                                                                                                                  LENGTH: 215 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COUNTRY: USA
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57.8%;
                SEQ ID NO: 11:
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Pred. No. 3.1e-52;
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Matches

Conservative

57.3%; 35;

Pred. No. 9.7e-52; 5; Mismatches 45

Indels

2

Gaps

2

60

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MYSAPSACTCLCLHFLLLCFQVQVLVAEENVDFRIHVENQTRARDDVSRKQLRLYQLYSR

Best Local Similarity

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RESULT 12
US-09-749-728B-63
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US-09-425-021-16
; Sequence 16, Application US/09425021
; Patent No. US20020076748A1
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                                                                Sequence 63, Application US/09749728B Patent No. US20020142457A1 GENERAL INFORMATION: APPLICANT: Umezawa, Akihiro APPLICANT: Hata, Jun-ichi
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CURRENT APPLICATION NUMBER: US/09/425,021
CURRENT FILING DATE: 1999-10-25
EARLIER APPLICATION NUMBER: 09/103,079
EARLIER FILING DATE: 1998-06-23
NUMBER OF SEQ ID NOS: 32
SOFTWARE: PATENTIN Ver. 2.0
SEQ ID NO 16
LENGTH: 215
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    GENERAL INFORMATION:
APPLICANT: Greene, John M.
APPLICANT: Rosen, Craig A.
TITLE OF INVENTION: Fibroblast Growth Factor
FILE REFERENCE: PF203D1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match
                                     APPLICANT:
                                                     APPLICANT:
                    APPLICANT:
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ORGANISM: Homo sapiens
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                               Fukuda, Keiich
Ogawa, Satoshi
Gojo,
                  Sakurada, Kazuhiro
 Satoshi
                                                                                                                                                                                                                                  191
                                                     Keiichi
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; Sequence 20, Application US/09822485
; Patent No. US20020001825A1
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                                                                                                                                                                                                                                                                                                                                                SOFTWARE: Patentin Ver. 2.0
SEO ID NO 20
LENGTH: 220
TYPE: PRT
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SOFTWARE: PatentIn Ver.2.0
SEQ ID NO 63
LENGTH: 215
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                                                                                                                                                                                                                                               Query Match
Best Local Similarity
Matches 112; Conser
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TITLE OF INVENTION: THE CELL HAVING THE POTENTIALITY OF DIFFERENTIATION INTO CARD.
FILE REFERENCE: 00766.000043
CURRENT APPLICATION NUMBER: US/09/749,728B
CURRENT FILING DATE: 2001-09-17
PRIOR APPLICATION NUMBER: H11-372826
PRIOR APPLICATION NUMBER: H11-372826
PRIOR PILING DATE: 1999-12-28
PRIOR PILING DATE: 1999-12-28
PRIOR FILING DATE: 2000-02-28
PRIOR FILING DATE: 2000-02-28
PRIOR FILING DATE: 2000-02-28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Itoh, No. US20020001825Aluyuki
TITLE OF INVENTION: No. US20020001825Alel Fibroblast Growth Factor-Like Polypepti
FILE REFERENCE: 08035_0001-01000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CURRENT APPLICATION NUMBER: US/09/822,485 CURRENT FILING DATE: 2001-04-02
                                                                                                                                                                                                                                                                                                                                                                                                                                                        NUMBER OF SEQ ID NOS: 35
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PRIOR FILING DATE: 2000-11-02
NUMBER OF SEQ ID NOS: 80
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                                         128
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132 VFTEIVLENNYTAFQNARHEGWFMAFTRQGRPRQASRSRQNQREAHFIKRLYQGQLPFPN 191
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                                                                                                                                                                                                      11 LCLHFLLLCFQVQVLVAEEN---VDFRIHVENQTRARDDVSRKQLRLYQLYSRTSGKHIQ 67
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Local Similarity
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                     VTGRRISATAEDGNKFAKLIVETDTFGSRVRIKGAESEKYICMNKRGKLIGKPSGKSKDC
                                                                                                   VLGRRISARGEDGDKYAQLLVETDTFGSQVRIKGKETEFYLCMNRKGKLVGKPDGTSKEC
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57.3%; Pred. No. 9.7e-52;
57. Mismatches 45;
                                                                                                                                                                                                                                             52.1%; Score 571; DB 10
54.1%; Pred. No. 1e-49;
tive 38; Mismatches
                                                                                                                                                                                                                                                                                      DB 10; Length 220;
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183 - PELQKPFKY----TTVTKRSRRIRP

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CURRENT APPLICATION NUMBER: US/09/905,291A
CURRENT FILING DATE: 2001-07-12
PRIOR APPLICATION NUMBER: DCT/US00/04414
PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR FILING DATE: 1999-07-26
PRIOR FILING DATE: 1999-07-26
PRIOR PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR APPLICATION NUMBER: PCT/US99/20594
PRIOR APPLICATION NUMBER: PCT/US99/20944
PRIOR APPLICATION NUMBER: PCT/US99/20944
PRIOR APPLICATION NUMBER: PCT/US99/20944
PRIOR APPLICATION NUMBER: PCT/US99/20944
PRIOR FILING DATE: 1999-09-13
                                                                                                                                                                                                                         PRIOR APPLICATION NUMBER: PCT/US99/21090
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/21547
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/23089
PRIOR APPLICATION NUMBER: PCT/US99/23089
PRIOR FILING DATE: 1999-10-05
PRIOR APPLICATION NUMBER: PCT/US99/28214
PRIOR APPLICATION NUMBER: PCT/US99/28313
PRIOR APPLICATION NUMBER: PCT/US99/28313
PRIOR FILING DATE: 1999-11-30
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Sequence 23, Application US/09905291A

Patent No. US20020160374A1
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APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT:
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                                                                                        APPLICATION NUMBER: PCT/US99/28564
FILING DATE: 1999-12-02
APPLICATION NUMBER: PCT/US99/28565
FILING DATE: 1999-12-02
APPLICATION NUMBER: PCT/US99/30095
FILING DATE: 1999-12-16
                                             APPLICATION NUMBER: PCT/US99/30911 FILING DATE: 1999-12-20
APPLICATION NUMBER: PCT/US99/30999 FILING DATE: 1999-12-20
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Williams, P. Mickey
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Mather, Jennie P.
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Grimaldi, Christopher J.
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Eaton, Dan L.
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Botstein, David
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          PRIOR APPLICATION NUMBER: 10/002,796
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PRIOR PPLICATION NUMBER: 60/056974
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PRIOR APPLICATION NUMBER: 60/059115
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TYPE: PRT
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US20020177165A1
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P.Mickey Williams
William I. Wood
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Timothy A. Stewart
Daniel Tumas
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Hanspeter Gerber
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Ivar J. Kljavin
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David A. Botstein
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